



CHIEF ELECTRICIAN

RESPONSIBILITIES

- To analyse and resolve any problems of an electrical nature relative to Barge Operations and activities.
- Responsible for routine electrical maintenance and repairs. Installs/power wiring to newly installed machines and equipment following electrical codes, manuals, schematic diagrams and blue prints. Test/Diagnoses malfunctioning apparatus using test equipment and repair/replace faulty components or recommend remediation within good marine standards. Assist other department personnel as required under the directive of the Chief Engineer
- To liaise with the Chief Mechanic to ensure efficient operation of all equipment.
- Will maintain General Alarm and Fire Bells in ready condition and organize periodic tests.
- Will schedule a preventative maintenance programme for all relevant equipment and systems.
- To maintain equipment and job logs.
- To investigate and initiate any methods and / or procedures which would result in a more efficient utilization of equipment / systems and minimize downtime.

QUALIFICATION AND EXPERIENCE

- Should have broad electrical background with working knowledge of AC/DC generators to 1500 KVA, air-conditioning units in 35-60 ton range, power distribution, DC welding machines, crane and winch control circuitry, basic electronics and radio / teletype communications, generator rebuild and alignment, air-electric controls and hydraulics.
- Must be able to estimate and schedule materials and manhours. Should have working knowledge of barge operations, related mechanical equipment and delegates tasks to crew whose abilities are most compatible.
- Conduct safety meetings and maintain equipment logs. Should be capable of effectively supervising a multinational crew.